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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial:\_\_\_ Complete: XXX Exploration:\_\_\_

Inspection Date & Time: 2/10/97 / 9:15a.m.-3:00p.m.

Date of Last Inspection: 1/10/97

Mine Name: Bear Canyon Mine County: Emery Permit Number: ACT/015/025

Permittee and/or Operator's Name: Co-Op Mining Company

Business Address: P. O. Box 1245, Huntington, Utah 84528

Type of Mining Activity: Underground XXX Surface\_\_\_ Prep. Plant\_\_\_ Other\_\_\_

Company Official(s): Charles Reynolds, Environmental Engineer

State Officials(s): Peter Hess Federal Official(s): None

Weather Conditions: Cold, Overcast, 20's

Existing Acreage: Permitted- 1531 Disturbed- 24 Regraded- 0 Seeded- 0 Bonded- 24

Increased/Decreased: Permitted-\_\_\_ Disturbed-\_\_\_ Regraded-\_\_\_ Seeded-\_\_\_ Bonded-\_\_\_

Status: Exploration/ XXX Active/\_\_\_ Inactive/\_\_\_ Temporary Cessation/\_\_\_ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

#### Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<u>XXX</u>	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<u>XXX</u>	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<u>XXX</u>	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<u>XXX</u>	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<u>XXX</u>	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_____(date)	<input type="checkbox"/>	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<u>XXX</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**INSPECTION REPORT**  
(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 2/10/97

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Several paragraphs in Chapter 3 of the Bear Canyon MRP were discussed with Mr. Reynolds, who is currently updating and making corrections in the text of the plan. Some of the changes are necessary to correct conflicts with other areas of the MRP. The amendment to finalize these changes in text is pending.

The permittee has made a request to permit additional area for the temporary storage of coal refuse on the coal stock pile pad. Refuse is generated by personnel at the tipples picking tables, and generally comes from caves associated with coal extraction. The refuse is crushed and returned back underground for road construction purposes.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The fourth quarter impoundment inspections for sediment ponds A, B, and C were conducted on December 26, 1996, by Mr. Reynolds. There were no erosion or stability problems noted with any of the three ponds. All ponds were observed to be snow and ice covered this day.

Mr. Reynolds presented the annual impoundment certification documents for the three ponds which were prepared by Mr. Kim Mangum, P. E., of Mangum Engineering Consultants. All ponds were certified as being capable of functioning as designed, and having adequate sediment storage capacity for the design event. The cleanout of sediment pond "A" is to be resumed as soon as weather conditions permit.

Regarding this annual impoundment certification, a question was raised by this inspector as to whether it was necessary to submit a report to MSHA regarding same. Mr. Reynolds indicated that he did not think so, as the ponds are not MSHA ponds. A check of 30 CFR 77.216-4 "reporting requirements for water, sediment, or slurry impoundments and impounding structures" indicates that a P. E. certified report is due the MSHA District Manager (unless changes have been made in the impoundments design) at least every five years. No mention is made in the regulation with regard to MSHA ponds. This information was faxed to Mr. Reynolds so that he might possibly avoid a compliance issue with MSHA.

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## 4d. HYDROLOGIC BALANCE: WATER MONITORING

Discharge monitoring reports for the months of October, November, and December of 1996 were reviewed for submittal and exceedances. The only UPDES discharge point which flowed was 004A, which is the Bear Creek mine water discharge. Flows varied from 118 GPM in October to 123 GPM through December. No exceedances were reported for the three month period. All DMR's have been submitted in a timely manner.

The fourth quarter water monitoring report for the Bear Canyon site was submitted to the SLC-DOGM on January 21, 1997. The last field monitoring for the various sites at Bear Canyon was conducted at the end of October. Sampling frequencies appear to be current. No water chemistry problems were readily apparent with the reviewed laboratory analysis sheets.

## 5. EXPLOSIVES

The permittee has not conducted any surface blasting since the last complete inspection.

Powder and cap magazines were field checked to determine that they were being maintained in a locked condition. A sign needs to be rehung in the vicinity of the cap magazine.

## 16a. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING

The daily freeze/thaw cycle which the site is experiencing is causing problems with the surface of the Tank seam, or Bear Canyon #2 Mine access road. The permittee has placed two inch gravel in several locations, but is still experiencing problems with rutting caused by heavy loads. Several transportation units have been equipped with tire chains. The daily three hour thaw is just long enough to rut the roads; before a grader can smooth the areas, the ground re-freezes.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

### Copy of this Report:

Mailed to: Co-Op Mining Company

Henry Austin (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: February 11, 1997

Inspector's Signature: \_\_\_\_\_

Peter Hess

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